

INFORMATION DISCLOSURE STATEMENT PTO-1449	Atty. Docket No. 020098	Serial No. 10/030185 New Appl.
	Applicant(s): Shinji OGAWA et al.	
	Filing Date: February 1, 2002	Group Art Unit: 1756

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
<u>W</u>	AA	4,434,073	Sucrow et al.	02/28/84	—	—
<u>W</u>	AB	4,976,887	Takatoh et al.	12/11/90	—	—

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)	
<u>W</u>	AC	10-236992	09/08/98	Japan	No. See PCT search report.
<u>W</u>	AD	0-325 035	07/26/89	EPO	Yes. See PCT search report.
<u>W</u>	AE	2-694	01/05/90	Japan	No. See PCT search report.
<u>W</u>	AF	58-105925	06/24/83	Japan	No. See PCT search report.
<u>W</u>	AG	DE 3148448 A1	07/28/83	Germany	No. See PCT search report.
<u>W</u>	AH	5-262744	10/12/93	Japan	No. See PCT search report.
<u>W</u>	AI	5-125055	05/21/93	Japan	No. See PCT search report.
<u>W</u>	AJ				

OTHER DOCUMENTS

<u>W</u>	AK	G. KOßMEHL et al.; Mol. Cryst. Liq. Cryst., Vol. 269, pp. 39-53, 1995. See PCT search report.
<u>W</u>	AL	

Examiner <u>Shaw</u>	Date Considered <u>1/24/03</u>
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